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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number OF EVEN DATE
Filing Date OF EVEN DATE
First Named Inventor Michio TANIMOTO
Group Art Unit 1764
Examiner Name Dorashenk
Attorney Docket Number 00109

PTO
10/04/97
10/04/97

01/06/02

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AD	1	4,077,530		Fukusen et al.	03/07/1978	
AD	3	4,402,349		Engert et al.	09/06/1983	
AD	4	4,461,327		Magin et al.	07/24/1984	
AD	5	4,812,437		Nojiri et al.	03/14/1989	
AD	7	5,395,812		Nagase et al.	03/07/1995	
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AD	9	5,145,824		Buffum et al.	09/08/1992	
AD	14	4,537,874		Sato et al.	08/27/1985	
AD	15	Re. 29,901		Wada et al.	02/06/1979	
AD	18	5,959,143		Sugi et al.	09/28/1999	
AD	20	4,707,460		Ishii et al.	11/17/1987	
AD	22	5,169,820		Ueda et al.	12/08/1992	
AD	24	4,760,153		Takahashi et al.	07/26/1988	
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AD	33	3,801,634		Krabetz et al.	04/02/1974	
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AD	35	5,719,318		Kawajiri et al.	02/17/1998	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AD	1	JP	52-3579		Sumitomo Chemical	01/12/1977		
AD	2	JP	62-30545	A	Mitsubishi Heavy Ind.	02/09/1987		
AD	3	JP	55-67325	A	BASF Aktiengesellschaft	05/21/1980		
AD	4	JP	57-21928		BASF Aktiengesellschaft	02/04/1982		
AD	5	JP	63-116743		Mitsubishi Petrochem	05/21/1988		
AD	6	JP	62-4444	A	Shell Internationale	01/10/1987		
AD	6	EP	0 207 550	B1	Shell Internationale	01/07/1987		
AD	7	JP	5-329368	A	Nippon Shokubai	12/14/1993		
AD	8	JP	10-510212	A	Scientific Design	10/06/1998		
AD	9	JP	5-84440	A	Shell Oil Company	04/06/1993		

Examiner
Signature

Alfred Dorashenk

Date
Considered

3/3/05

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	OF EVEN DATE
Filing Date	OF EVEN DATE
First Named Inventor	Michio TANIMOTO
Group Art Unit	1764
Examiner Name	Doroshew
Attorney Docket Number	00109

Sheet 2 of 6

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AD	10	JP	50-13308	B	Mitsubishi Rayon	02/12/1975		
AD	10	GB	1 444 659		Mitsubishi Rayon	08/04/1976		
AD	11	JP	64-56634	A	Nippon Shokubai	03/03/1989		
AD	11	EP	0 304 867	A2	Nippon Shokubai	03/01/1989		
AS	12	JP	56-52013	B2	Standard Oil Co.	12/09/1981		
AS	12	GB	1 330 074		Standard Oil Co.	09/12/1973		
AS	13	JP	56-23969	B2	Standard Oil Co.	06/03/1981		
AS	13	GB	1 390 271		Standard Oil Co.	04/09/1975		
AS	14	JP	59-76541		Nippon Shokubai	05/01/1984		
AS	15	JP	49-11371		Nippon Shokubai	03/16/1974		

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Wes Dinsdale

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		Application Number	OF EVEN DATE
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		First Named Inventor	Michio TANIMOTO
		Group Art Unit	1764
		Examiner Name	Dorashewitz
Sheet	3	of	6
		Attorney Docket Number	00109

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
AD	16	JP	52-85091		Standard Oil Co.	07/15/1977	
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AD	17	JP	6-279030	A	Tenten et al.	10/04/1994	
AD	17	CA	2,114,681	A1	Tenten et al.	08/04/1994	
AD	18	JP	8-299797	A	Nippon Kayaku	11/19/1996	
AD	19	JP	60-33539	B2	Nippon Shokubai	08/03/1985	
AD	19	EP	0 043 100	B2	Nippon Shokubai	01/06/1982	
AD	20	JP	3-26101	B2	Mitsubishi Rayon	04/09/1991	
AD	21	JP	59-12758	A	Sumitomo Kagaku	01/23/1984	
AD	22	JP	7-29056	B2	Nippon Shokubai	04/05/1995	

Examiner Signature	<i>W. D. D. D.</i>	Date Considered	3/3/05
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			Group Art Unit	1764	
			Examiner Name	Doroshewsk	
			Attorney Docket Number	00109	
Sheet	4	of	6		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
A	23	JP	58-15176		BASF Aktiengesellschaft	03/24/1983	
B	23	GB	1 496 832		BASF Aktiengesellschaft	01/05/1978	
B	24	JP	62-78	A	Nippon Shokubai	01/06/1987	
B	25	JP	10-167711	A	Nippon Shokubai	06/23/1998	
B	26	JP	7-51573	A	Mitsubishi Chemical	02/28/1995	
B	26	EP	0 608 837	B1	Mitsubishi Chemical	08/03/1994	
B	27	JP	5-115783	A	Mitsui Toatsu	05/14/1993	
B	28	JP	50-35088		Chevron Research	04/03/1975	
B	28	GB	1 416 099		Chevron Research	12/03/1975	
B	29	JP	9-316023	A	Toagosei Co Ltd	12/09/1997	

Examiner Signature	<i>Alfred D. Nash</i>	Date Considered	3/3/05
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			Examiner Name	DORAS HENK	
			Attorney Docket Number	00109	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JD	30	JP	10-57813	A	Mitsubishi Chem Corp	03/03/1998		
JD	31	JP	10-120617	A	Toagosei Co., Ltd.	05/12/1998		
JD	32	JP	63-38331	B2	Mitsubishi Petrochemical	07/29/1988		
JD	33	JP	53-30688		BASF Aktiengesellschaft	08/29/1978		
JD	34	JP	4-217932	A	Nippon Shokubai	08/07/1992		
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JD	36	JP	7-10802	A	Sumitomo Chem	01/13/1995		
JD	37	JP	64-33162	U	Mitsubishi Denki	03/01/1989		
JD	38	JP	3-9770	B2	Nippon Shokubai	02/12/1991		
JD	39	JP	11-333282	A	Sumitomo Chem	12/07/1999		

Examiner Signature	<i>Wes D. Ashel</i>	Date Considered	3/3/05
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			First Named Inventor	Michio TANIMOTO	
			Group Art Unit	1764	
			Examiner Name	Dacoshenk	
			Attorney Docket Number	00109	
Sheet	6	of	6		

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Examiner Signature	<i>Heidi Dasher</i>	Date Considered	3/3/05
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